

**Before the**  
**FEDERAL COMMUNICATIONS COMMISSION**  
**Washington, D.C. 20554**

Via ECFS Electronic Filing  
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January 31st, 2012

Federal Communications Commission  
Office of the Secretary  
445-12th Street, S.W.  
Washington, D.C. 20554

In the Matter of	)	
Amendment of Sections 15.35 and 15.253 of the	)	ET Docket No. 11-90
Commission's Rules Regarding Operation of	)	
Radar Systems in the 76-77 GHz Band	)	RM-11555
Amendment of Section 15.253 of the	)	ET Docket No. 10-28
Commission's Rules to Permit Fixed Use of	)	
Radar in the 76-77 GHz Band	)	

**Notice of Oral Ex Parte Presentation, ET Dockets 11-90 And 10-28; Operation of  
Radar Systems in the 76-87 GHz Band**

On 29<sup>th</sup> January 2013

Dr Stephen Clark of Navtech Radar Ltd met with

- 1 Ira Keltz, Deputy Chief
- 2 Gereldine Matise, Chief, Policy and rules division
- 3 Karen Ansari, Chief, Technical Rules Branch
- 4 Aamer Zain, Electronics Engineer

At the FCC offices in Washington DC for and ex-parte discussion. The following points were discussed

Navtech described how fixed installation radar are currently used in Europe at roadside locations, to detect slow and stopped vehicles, pedestrians and lost-cargo for the purposes of rapidly alerting approaching

drivers. The use of this technology within 'managed motorway' programs was described as well as within tunnels

The wide uses of scanning radar on vehicles other than cars was described. In particular industrial automation of machinery, both for navigation and for obstacle detection

The objections that various automotive radar manufactures have raised to the use of fixed radar for automatic incident detection on roads were discussed. Details of how fixed radar are typically installed in Europe were covered, together with the roadside reference sites that are in place. Navtech is aware of no cases of interference with vehicular based systems from these sites.

Finally, the background of the regulatory process within Europe was discussed, in so far as Navtech understands them. This included the current EC decision on vehicle and fixed infrastructure radar, the EN 301-091 standard and the process's being followed within CEPT and by ETSI

For and on behalf of NavtechRadar

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